

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5080992
<b>Application Number:</b>	10719487
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2512
<b>Title of Invention:</b>	Apparatus and method to control access to logical volumes using one or more copy services
<b>First Named Inventor/Applicant Name:</b>	Juan A. Coronado
<b>Customer Number:</b>	49080
<b>Filer:</b>	Dale Regelman/Reena Mendez
<b>Filer Authorized By:</b>	Dale Regelman
<b>Attorney Docket Number:</b>	TUC920030140US1
<b>Receipt Date:</b>	01-APR-2009
<b>Filing Date:</b>	20-NOV-2003
<b>Time Stamp:</b>	20:53:16
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$810
RAM confirmation Number	6208
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part/.zip	Pages (if appl.)

1	Request for Continued Examination (RCE)	TUC920030140US1_RCE.pdf	705321 cc3ee5e5509fd421a550e22ae744369b0ba dd110	no	3
<b>Warnings:</b>					
<b>Information:</b>					
2	Preliminary Amendment	TUC920030140US1_PrelimAme nd.pdf	1217162 a94378e68fb76ba5c752416f2259083a6c5e 9630	no	28
<b>Warnings:</b>					
<b>Information:</b>					
3	Drawings-only black and white line drawings	TUC920030140US1_Replaceme nt_Sheet.pdf	47185 54a1484cead7020273420f51d52097f91496 b3fc	no	1
<b>Warnings:</b>					
<b>Information:</b>					
4	Drawings-only black and white line drawings	TUC920030140US1_Annotated _Sheet.pdf	437846 0ab7b14f303df8cb9b46117d6afc5c736c5e c3fb	no	1
<b>Warnings:</b>					
<b>Information:</b>					
5	Extension of Time	TUC920030140US1_Extension. pdf	40656 e40d6951a9be8ef9367a918f276daec007b a6a4f	no	2
<b>Warnings:</b>					
<b>Information:</b>					
6	Fee Worksheet (PTO-06)	fee-info.pdf	30128 077cf1a4f41c25370a5fec39cf258f21cd255 0f4	no	2
<b>Total Files Size (in bytes):</b>				2478298	

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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.